

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ROGER L. SCHULTZ

Serial No.: **10/808,986**

Filed: **March 25, 2004**

Title: **"APPARATUS AND METHOD FOR
CREATING PULSATING FLUID FLOW,
AND METHOD OF MANUFACTURE FOR
THE APPARATUS"**

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Group Art Unit: **3753**

Examiner: **SCHNEIDER, CRAIG M.**

Atty. Docket No.: **HES 2003-IP-012204U1**

MAIL STOP AF

Honorable Commissioner of Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**CERTIFICATE OF FILING ELECTRONICALLY VIA EFS
MPEP 503**

I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

HONORABLE COMMISSIONER FOR PATENTS
P.O. Box 1450
ALEXANDRIA, VA 22313-1450



DEBBIE ALLEN

APRIL 22, 2008

**DATE OF SUBMISSION:
ELECTRONIC FILING (EFS)**

**RESPONSE UNDER 37 C.F.R. § 1.116 TO
FINAL OFFICE ACTION, MAILED MARCH 3, 2008**

Dear Honorable Commissioner:

In response to the Office Action mailed on March 3, 2008 (the "Office Action"),

Applicants submit this Response.

- **Amendments to the Claims** begin on page 2 of this paper.
- **Remarks / Arguments** begin on page 17 of this paper.